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Publications

PUBLICATIONS

- **High-throughput discovery of regulatory effector domains in human RNA-binding proteins.** *bioRxiv : the preprint server for biology*
Thurm, A. R., Finkel, Y., Andrews, C., Cai, X. S., Benko, C., Bintu, L.
2024
- **Single-molecule chromatin configurations link transcription factor binding to expression in human cells.** *bioRxiv : the preprint server for biology*
Doughty, B. R., Hinks, M. M., Schaepe, J. M., Marinov, G. K., Thurm, A. R., Rios-Martinez, C., Parks, B. E., Tan, Y., Marklund, E., Dubocanin, D., Bintu, L., Greenleaf, W. J.
2024
- **The H3.3 K36M oncohistone disrupts the establishment of epigenetic memory through loss of DNA methylation.** *bioRxiv : the preprint server for biology*
Sinha, J., Nickels, J. F., Thurm, A. R., Ludwig, C. H., Archibald, B. N., Hinks, M. M., Wan, J., Fang, D., Bintu, L.
2023
- **Single-cell chromatin state transitions during epigenetic memory formation.** *bioRxiv : the preprint server for biology*
Fujimori, T., Rios-Martinez, C., Thurm, A. R., Hinks, M. M., Doughty, B. R., Sinha, J., Le, D., Hafner, A., Greenleaf, W. J., Boettiger, A. N., Bintu, L.
2023
- **High-throughput discovery and characterization of viral transcriptional effectors in human cells.** *Cell systems*
Ludwig, C. H., Thurm, A. R., Morgens, D. W., Yang, K. J., Tycko, J., Bassik, M. C., Glaunsinger, B. A., Bintu, L.
2023; 14 (6): 482
- **Myeloid lncRNA LOUP mediates opposing regulatory effects of RUNX1 and RUNX1-ETO in t(8;21) AML (vol 138 pg 1331, 2021) BLOOD**
Trinh, B. Q., Ummarino, S., Zhang, Y., Ebralidze, A. K., Bassal, M. A., Nguyen, T. M., Heller, G., Coffey, R., Tenen, D. E., van der Kouwe, E., Fabiani, E., Gurnari, C., Wu, et al
2023; 141 (20): 2542
- **The Nonmonotonic Dose Dependence of Protein Expression in Cells Transfected with Self-Amplifying RNA.** *Journal of virology*
Tanimoto, C. R., Thurm, A. R., Brandt, D. S., Knobler, C. M., Gelbart, W. M.
2022; 96 (7): e0185821
- **Myeloid lncRNA LOUP Mediates Opposing Regulatory Effects of RUNX1 and RUNX1-ETO in t(8;21) AML.** *Blood*
Trinh, B. Q., Ummarino, S. n., Zhang, Y. n., Ebralidze, A. K., Bassal, M. A., Nguyen, T. M., Heller, G. n., Coffey, R. n., Tenen, D. E., van der Kouwe, E. n., Fabiani, E. n., Gurnari, C. n., Wu, et al
2021
- **RNA Homopolymers Form Higher-Curvature Virus-like Particles Than Do Normal-Composition RNAs.** *Biophysical journal*
Thurm, A. R., Beren, C., Duran-Meza, A. L., Knobler, C. M., Gelbart, W. M.
2019; 117 (7): 1331-1341